In order to understand the energy bands formation, run the Piece-Wise Constant Potential Barrier Tool (PCPBT) for the case of 10 barriers and the following barrier and well parameters:

(a) $V_{\text{max}} = 0.8 \text{ eV}, V_{\text{min}} = 0 \text{ eV}, L_{\text{barrier}} = 4 \text{ nm} \text{ and } L_{\text{well}} = 4 \text{ nm}$.
(b) $V_{\text{max}} = 0.8 \text{ eV}, V_{\text{min}} = 0 \text{ eV}, L_{\text{barrier}} = 4 \text{ nm} \text{ and } L_{\text{well}} = 10 \text{ nm}$
(c) $V_{\text{max}} = 0.8 \text{ eV}, V_{\text{min}} = 0 \text{ eV}, L_{\text{barrier}} = 2 \text{ nm} \text{ and } L_{\text{well}} = 10 \text{ nm}$

Comment on the position of the bands and the widths of the bands as a function of the barrier and well thickness. Support your findings with physical reasoning.